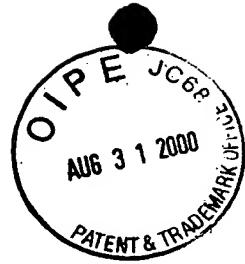


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 tttgctggcc tttgctcac atggctcgac agatct 9756

<210> 3
 <211> 1964
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: m4070A

<400> 3
 atggccagaa gcacccttag caagccaccc caggacaaaa tcaatccctg gaaacctctg 60
 atcgtcatgg gagtcctgtt aggagtaggg atggcagaga gccccatca ggtcttaat 120
 gtaacctgga gagtccacca cctgtatgact gggcgtagcc ccaatgccac ctccctcctg 180
 ggaactgtac aagatgcctt cccaaaatta tattttgatc tatgtatct ggtcgagag 240
 gagtgggacc cttcagacca ggaaccgtat gtcgggtatg gtcgaagta ccccgccagg 300
 agacagcggc cccgacttt tgacttttac gtgtgccctg ggcataccgt aaagtccggg 360
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 tactggaaac ccacatcatc gtgggaccta attccttta agcgcgtaa caccctctgg 480
 gacacgggat gctctaaagt tgcctgtggc ccctgtacg acctctccaa agtatccaat 540
 tccttccaag gggctactcg agggggcaga tgcacccctc tagtcctaga attcactgat 600
 gcaggaaaaa aggctaactg ggacggggcc aaatcgtggg gactgagact gtacccgaca 660
 ggaacagatc ctattaccat gttctccctg accccggcagg tccttaatgt gggacccgaa 720
 gtccccatag ggcccaaccc agtattaccc gaccaaagac tccttccctc accaatagag 780
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 cactccccc attatatgtt tggtcagctt gaacagcgta ccaaataaa aagagagcca 1380
 gtatcattga ccctggccct tctacttagga ggattaacca tgggaggat tgtagctgga 1440
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 tccaccatca tgggacccct aatagtactc ttactgtatc tactcttgg accttgcatt 1860
 ctcaatcgat tggtccaaatt tggtaaagac aggtctcag tggtccaggc tctggtttg 1920
 actcagcaat atcccgatca aaacccatag agtacgagcc atga 1964

<210> 4
<211> 63
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: wild type MMLV

<400> 4
atgcgttcaa cgctctcaaa accccttaaa aataaggta acccgcgagg ccccctaatc 60
ccc 63

<210> 5
<211> 63
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: mutant env
(m4070A)

<400> 5
atggccagaa gcaccctgag caagccaccc caggacaaaa atccctggaa acctctgatc 60
gtc 63

<210> 6
<211> 14
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 6
tattaataac tagt 14

<210> 7
<211> 42
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 7
gctacgcaga gctcgtttag tgaaccgggc actcagattc tg 42

<210> 8
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 8
gctgagctct agagtccctt tcttttacaa agttgg 36

<210> 9
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 9
gcattaaaggc tttgtctc 18

<210> 10
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 10
gcctcgagca aaaattcaga cgga 24

<210> 11
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: synthetic
oligonucleotide

<400> 11
caaccaccgg gaggcaagct ggccagcaac tta 33

<210> 12
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 12
atcggcttagc agatcttcaa tattggccat tagccatat 39

<210> 13
<211> 44

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 13
atcgagatct gcggccgctt acctgcccag tgcctcacga ccaa 44

<210> 14
<211> 54
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 14
atcggcggcc gcccaccatg gaactcagcg tcctcctttt ctttgcaccc tagg 54

<210> 15
<211> 52
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 15
atcggcggcc gcacttacct gtgtccccca ggaaagtatt tcaagaagcc ag 52

<210> 16
<211> 92
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 16
actgtgatca taggcacctta ttggtcttac tgacatccac tttctctcca caggcaagtt 60
tacaaaacct gcagggaaatc aatgcttaca tt 92

<210> 17
<211> 41
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 17
actgatcgat ttccctcagc cccttcagcg gggcaggaag c 41

<210> 18
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 18
gactacgact agtgtatgtt tagaaaaaca agg 33

<210> 19
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 19
ctaggctact agtactgttag gatctcgaac ag 32

<210> 20
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 20
gggctatatg agatcttgaa taataaaaatg tgt 33

<210> 21
<211> 47
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 21
ttcgatgttc accaccatgg aactcagcgt cctcctttc cttgcac 47

<210> 22
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 22

| | |
|--|-----|
| ttcgagccgg ctcatcagcg gggcaggaag cgatatggg atgttg | 46 |
| | |
| <210> 23 | |
| <211> 82 | |
| <212> DNA | |
| <213> Artificial Sequence | |
| | |
| <220> | |
| <223> Description of Artificial Sequence: pLTR | |
| | |
| <400> 23 | |
| cgttaacact agtaagcttg ctctaaggta aatagtcgac aggctgcgc cagtcctccg 60 | 82 |
| attgactgag tcgcccgggt ac | |
| | |
| <210> 24 | |
| <211> 83 | |
| <212> DNA | |
| <213> Artificial Sequence | |
| | |
| <220> | |
| <223> Description of Artificial Sequence: pLTR | |
| | |
| <400> 24 | |
| cccgccgcac tcagtcaatc ggaggactgg cgcaggcctg tcgactatcc accttagagc 60 | 83 |
| aagcttacta gtgttaacgg cgc | |
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| <210> 25 | |
| <211> 124 | |
| <212> DNA | |
| <213> Artificial Sequence | |
| | |
| <220> | |
| <223> Description of Artificial Sequence: pL-SA-N | |
| | |
| <400> 25 | |
| gatctaacct aggtctcgag tggtaaaca ctgggcttgt cgagacagag aagactcttg 60 | 120 |
| cgtttctgtat aggcacctat tggtcttact gacatccact ttgccttct ctccacaggt | 124 |
| gagg | |
| | |
| <210> 26 | |
| <211> 120 | |
| <212> DNA | |
| <213> Artificial Sequence | |
| | |
| <220> | |
| <223> Description of Artificial Sequence: pL-SA-N | |
| | |
| <400> 26 | |
| cctcacctgt ggagagaaag gcaaagtgg a tgcgttac accaatgg gcctatcaga 60 | 120 |
| aacgcaagag tcttctgtgt ctcgacaagc ccagtgttta aacactcgag accttagtta | |
| | |
| <210> 27 | |
| <211> 99 | |

<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: pL-SA-N with a
splice donor deletion

<400> 27

ttagctaact agtacagacg caggcgata acatcaaaca tagacactag acaatcgac 60
agacacagat aagttgctgg ccagcttgcc tcccggtgg 99

<210> 28

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: pL-SA-N with a
splice donor deletion

<400> 28

ccctcactcg gcgcgccagt cttccga

27

<210> 29

<211> 79

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: CMV/R junction of
EIAV LTR plasmid

<400> 29

agcagagctc gtttagtgaa ccgacttaag tcttcctgca ggggctctaa ggtaaatagg 60
gcactcagat tctgcggtc 79

<210> 30

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: CMV/R junction of
EIAV LTR plasmid

<400> 30

cacacacctggc cggggatcct acgatcagcc agg

33

<210> 31

<211> 129

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: pEGASUS-1

<400> 31
 tcgacgtta aacactggc ttgtcgagac agagaagact cttgcgttc tgataggcac 60
 ctattggct tactgacatc cacttgcct ttctctccac aggtcacgtg aagcttagcct 120
 cgagttggc 129

<210> 32
 <211> 128
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: pEGASUS-1

<400> 32
 tcagccaact cgaggctagc ttcacgtgac ctgtggagag aaaggcaaag tggatgtcag 60
 taagaccaat aggtgcctat cagaaacgca agagtcttct ctgtctcgac aagcccagtg 120
 tttaaacg 128

<210> 33
 <211> 32
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: EIAV vector

<400> 33
 aggaggacag gcaagatggg agacccttg ac 32

<210> 34
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: EIAV vector

<400> 34
 ggggtcgact ctagagtctt ttcc 24

<210> 35
 <211> 32
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: EIAV vector

<400> 35
 gtcaaagggt ctcccatctt gcctgtcctc ct 32

<210> 36

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: EIAV vector

<400> 36

ctatataagg agagctcggt tagtg

25